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PI:	Marsit, Carmen Joseph
Institution:	Dartmouth College
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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
A METHYLATION-TO-EXPRESSION FEATURE MODEL FOR GENERATING ACCURATE PROGNOSTIC RISK SCORES AND IDENTIF ...	Thompson, Jeffrey A; Marsit, Carmen J	Pac Symp Biocomput (2016)	22 / 509-520	PubMed Citation
Are epigenetic changes in the intrauterine environment related to newborn neurobehavior?	Lester, Barry M; Conradt, Elisabeth; Marsit, Carmen J	Epigenomics (2014 Apr)	6 / 175-8	PubMed Citation
Cell-composition effects in the analysis of DNA methylation array data: a mathematical perspective.	Houseman, E Andres; Kelsey, Karl T; Wiencke, John K; Marsit, Carmen J	BMC Bioinformatics (2015 Mar 21)	16 / 95	PubMed Citation
DNA methylation changes in the placenta are associated with fetal manganese exposure.	Maccani, Jennifer Z J; Koestler, Devin C; Houseman, E Andrés; Armstrong, David A; Marsit, Carmen J; Kelsey, Karl T	Reprod Toxicol (2015 Nov)	57 / 43-9	PubMed Citation
Environmental exposures in utero and microRNA.	Kappil, Maya; Chen, Jia	Curr Opin Pediatr (2014 Apr)	26 / 243-51	PubMed Citation
Environmental Influences on Genomic Imprinting.	Kappil, Maya; Lambertini, Luca; Chen, Jia	Curr Environ Health Rep (2015 Jun)	2 / 155-62	PubMed Citation
Epigenetic Regulation of Infant Neurobehavioral Outcomes.	Lesseur, Corina; Paquette, Alison G; Marsit, Carmen J	Med Epigenet (2014 5)	2 / 71-79	PubMed Citation
Epigenome-wide and transcriptome-wide analyses reveal gestational diabetes is associated with altera ...	Binder, Alexandra M; LaRocca, Jessica; Lesseur, Corina; Marsit, Carmen J; Michels, Karin B	Clin Epigenetics (2015)	7 / 79	PubMed Citation

Examining the joint contribution of placental NR3C1 and HSD11B2 methylation for infant neurobehavior ...	Appleton, Allison A; Lester, Barry M; Armstrong, David A; Lesseur, Corina; Marsit, Carmen J	Psychoneuroendocrinology 52 / 32-42 (2015 Feb)	10 / 834-41	PubMed Citation
Expression of imprinted genes in placenta is associated with infant neurobehavioral development.	Green, Benjamin B; Kappil, Maya; Lambertini, Luca; Armstrong, David A; Guerin, Dylan J; Sharp, Andrew J; Lester, Barry M; Chen, Jia; Marsit, Carmen J	Epigenetics (2015)	10 / 834-41	PubMed Citation
Global and gene-specific DNA methylation across multiple tissues in early infancy: implications for ...	Armstrong, David A; Lesseur, Corina; Conradt, Elisabeth; Lester, Barry M; Marsit, Carmen J	FASEB J (2014 May)	28 / 2088-97	PubMed Citation
Hydroxymethylation is uniquely distributed within term placenta, and is associated with gene express ...	Green, Benjamin B; Houseman, E Andres; Johnson, Kevin C; Guerin, Dylan J; Armstrong, David A; Christensen, Brock C; Marsit, Carmen J	FASEB J (2016 Aug)	30 / 2874-84	PubMed Citation
Imprinted gene expression in fetal growth and development.	Lambertini, L; Marsit, C J; Sharma, P; Maccani, M; Ma, Y; Hu, J; Chen, J	Placenta (2012 Jun)	33 / 480-6	PubMed Citation
Infant toenails as a biomarker of in utero arsenic exposure.	Davis, Matthew A; Li, Zhigang; Gilbert-Diamond, Diane; Mackenzie, Todd A; Cottingham, Kathryn L; Jackson, Brian P; Lee, Joyce S; Baker, Emily R; Marsit, Carmen J; Karagas, Margaret R	J Expo Sci Environ Epidemiol (2014 Sep-Oct)	24 / 467-73	PubMed Citation
Influence of environmental exposure on human epigenetic regulation.	Marsit, Carmen J	J Exp Biol (2015 Jan 1)	218 / 71-9	PubMed Citation

Influence of prenatal maternal stress on umbilical cord blood cytokine levels.	Andersson, Niklas W; Li, Qian; Mills, Carrie W; Ly, Jenny; Nomura, Yoko; Chen, Jia	Arch Womens Ment Health (2016 Oct)	19 / 761-7	PubMed Citation
Maternal obesity and gestational diabetes are associated with placental leptin DNA methylation.	Lesseur, Corina; Armstrong, David A; Paquette, Alison G; Li, Zhigang; Padbury, James F; Marsit, Carmen J	Am J Obstet Gynecol (2014 Dec)	211 / 654.e1-9	PubMed Citation
Maternal psychiatric disease and epigenetic evidence suggest a common biology for poor fetal growth.	Ciesielski, Timothy H; Marsit, Carmen J; Williams, Scott M	BMC Pregnancy Childbirth (2015 Aug 25)	15 / 192	PubMed Citation
Maternal residential proximity to major roadways, birth weight, and placental DNA methylation.	Kingsley, Samantha L; Eliot, Melissa N; Whitsel, Eric A; Huang, Yen-Tsung; Kelsey, Karl T; Marsit, Carmen J; Wellenius, Gregory A	Environ Int (2016 Jul-Aug)	92-93 / 43-9	PubMed Citation
Neurobehavior related to epigenetic differences in preterm infants.	Lester, Barry M; Marsit, Carmen J; Giarraputo, James; Hawes, Kathleen; LaGasse, Linda L; Padbury, James F	Epigenomics (2015 Oct)	7 / 1123-36	PubMed Citation
Placenta-imprinted gene expression association of infant neurobehavior.	Marsit, Carmen J; Lambertini, Luca; Maccani, Matthew A; Koestler, Devin C; Houseman, E Andres; Padbury, James F; Lester, Barry M; Chen, Jia	J Pediatr (2012 May)	160 / 854-860.e2	PubMed Citation
Placental DNA methylation alterations associated with maternal tobacco smoking at the RUNX3 gene are ...	Maccani, Jennifer Z J; Koestler, Devin C; Houseman, Eugene Andrés; Marsit, Carmen	Epigenomics (2013 Dec)	5 / 619-30	PubMed Citation

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Placental DNA Methylation Related to Both Infant Toenail Mercury and Adverse Neurobehavioral Outcome ...	Maccani, Jennifer Z J; Koestler, Devin C; Lester, Barry; Houseman, E Andrés; Armstrong, David A; Kelsey, Karl T; Marsit, Carmen J	Environ Health Perspect	123 / 723-9	PubMed Citation
Placental epigenetic patterning of glucocorticoid response genes is associated with infant neurodeve ...	Paquette, Alison G; Lester, Barry M; Lesseur, Corina; Armstrong, David A; Guerin, Dylan J; Appleton, Allison A; Marsit, Carmen J	Epigenomics	7 / 767-79	PubMed Citation
Placental Epigenetics in Children's Environmental Health.	Marsit, Carmen J	Semin Reprod Med	34 / 36-41	PubMed Citation
Placental expression profile of imprinted genes impacts birth weight.	Kappil, Maya A; Green, Benjamin B; Armstrong, David A; Sharp, Andrew J; Lambertini, Luca; Marsit, Carmen J; Chen, Jia	Epigenetics	10 / 842-9	PubMed Citation
Placental FKBP5 genetic and epigenetic variation is associated with infant neurobehavioral outcomes ...	Paquette, Alison G; Lester, Barry M; Koestler, Devin C; Lesseur, Corina; Armstrong, David A; Marsit, Carmen J	PLoS One	9 / e104913	PubMed Citation
Prenatal Programming of Infant Neurobehaviour in a Healthy Population.	Appleton, Allison A; Murphy, Megan A; Koestler, Devin C; Lesseur, Corina; Paquette, Alison G; Padbury, James F; Lester, Barry M; Marsit, Carmen J	Paediatr Perinat Epidemiol	30 / 367-75	PubMed Citation

Regions of variable DNA methylation in human placenta associated with newborn neurobehavior.	Paquette, Alison G; Houseman, E Andres; Green, Benjamin B; Lesseur, Corina; Armstrong, David A; Lester, Barry; Marsit, Carmen J	Epigenetics (2016 Aug 2)	11 / 603-13	PubMed Citation
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The developmental basis of epigenetic regulation of HTR2A and psychiatric outcomes.	Paquette, Alison G; Marsit, Carmen J	J Cell Biochem (2014 Dec)	115 / 2065-72	PubMed Citation
The Role of Placental 11-Beta Hydroxysteroid Dehydrogenase Type 1 and Type 2 Methylation on Gene Exp ...	Green, Benjamin B; Armstrong, David A; Lesseur, Corina; Paquette, Alison G; Guerin, Dylan J; Kwan, Lauren E; Marsit, Carmen J	Biol Reprod (2015 Jun)	92 / 149	PubMed Citation